SAF-RC-040 300 Area D&D Waste Characterization Sampling - Other Solid FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Renee Nielson L1-04

NB 4/20/06 INITIAL/DATE

Amy Hood

L1-07

NB 4/20/06 INITIAL/DATE

Jeanette Duncan

H9-02

NB 4/20/06 INITIAL/DATE

COMMENTS:

SDG 06-A-1333

SAF-RC-040

Rad only X Chem only

Rad & Chem

X Complete

Partial

Sample Location/Waste Site: 333 Asbestos Sampling

APR 2 8 2006 EDMC



4/12/06 Page 1 of 9

SUBMITTED TO:

Joan Kessner Washington Closure Hanford 3190 George Washington Way, MSIN H9-02 Richland, WA 99352



REFERENCE DATA:

Client Sample No.:

J11LB2 through L11LF0

P.O. No.:

Not Available

Sample Location:

300 Area D&D Waste Characterization Sampling

Sample Type:

Bulk

Method Reference:

EPA-600/R-93/116

DCL Set ID No.:

06-A-1333

DCL Sample ID No.:

06-08071 through 06-08099

Sample Receipt Date:

3/28/06

Analysis Date:

4/11/06 through 4/12/06

We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using EPA-600/R-93/116. The samples were acceptable upon receipt except where noted. The samples were examined under a stereomicroscope in a laboratory fume hood for general composition and phase separation. If needed, portions of the sample were removed and ground with a mortar and pestle before being mounted on a glass microscope slide. Mountings of representative portions of the material are prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the materials analyzed and are summarized on the attached bulk asbestos analysis data sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.

Shawn Smythe Analyst Anna Marie Ristich

-Keviewer

*Floor tiles, decorative paints, joint compounds, and cement/materials require additional treatment in order to evaluate the concentration of small asbestos fibers bound in the material. Some samples may contain fibers that are not visible by PLM and can only be detected by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government..

CINCINNATI OFFICE 4388 GLENDALE-MILFORD ROAD CINCINNATI, OHIO 45242-3708 513 733-5336, FAX 513 733-5347 WEST COAST OFFICE 11 SANTA YORMA COURT NOVATO, CALIFORNIA 94945 800 280-8071, FAX 415 893-9469

J11LB6

>3 ≤ 5

>70≤80

DataChem Laboratories Polarized Light Microscopy Asbestos Analytical Report

Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

J11LB4

>3≤5

>70≤80

J11LB5

>1≤3

J11LB3

J11LB2

>3≤5

>70≤80

DCL Sample ID:	06-08071	06-08072	06-08073	06-08074	06-08075
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Layered	Layered
<u> </u>	Inseparable	Inseparable	Inseparable	Inseparable	Inseparable
Color:	Grey/Black	Yellow/Grey	Grey/Black	Yellow/Grey	Grey/Black
Texture:	Crmby/Fbrs/Resn	Fibrous	Crmby/Fbrs/Resn	Fibrous	Crmby/Fbrs/Resr
Description:	Material	Insulation	Material	Insulation	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals	<u></u>				
% Chrysotile:					
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	ND	ND
Other Materials			1		
% Cellulose:	>10≤20	>5≤10	>10≤20	>5 ≤ 10	>10≤20
% Fiberglass:		>80≤90		>80 ≤ 90	
% Other Fibers:					

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

% Resin/Binder:

% Non Fibrous:

Client Sample ID:

All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request. Wherever possible, separate phases are analyzed and reported individually.

>1≤3

Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

Client Sample ID:	J11LB7	J11LB8	J11LB8	J11LB9	J11LC0
DCL Sample ID:	06-08076	06-08077A	06-08077B	06-08078	06-08079
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Homog.	Homog.
	Inseparable				
Color:	Yellow/Grey	Grey	Grey	Grey	Grey
Texture:	Fibrous	Crumbly	Crumbly	Crumbly	Crumbly
Description:	Insulation	Plaster	Skimcoat	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals		··· - · · · - · · · · · · · · · · · · ·			
% Chrysotile:					
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:				÷	
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	ND	ND_
Other Materials					•
% Cellulose:	>5 ≤ 10				
% Fiberglass:	>80 ≤ 90				
% Other Fibers:					•
% Resin/Binder:					
% Non Fibrous:	>1≤3	>90 ≤ 100	>90 ≤ 100	>90≤100	>90 ≤ 100

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

			74.17.554	T117 C2	TITE
Client Sample ID:	JIILCI	J11LC1	J11LC2	J11LC3	J11LC4
DCL Sample ID:	06-080 <u>8</u> 0A	06-08080B	06-08081	06-08082	06-08083A
Macroscopic Examination				•	
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Homog.	Layered	Layered
	•	-		Inseparable	
Color:	Grey	Grey	Green	Black/Grey	Green
Texture:	Crumbly	Crumbly	Flexible	Crumbly	Flexible
Description:	Plaster	Skimcoat	Tile	Material	Tile
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:				Trace	Trace
% Amosite:					
% Crocidolite:		•			
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	Trace	Trace
Other Materials					
% Cellulose:					
% Fiberglass:					
% Other Fibers:					
% Resin/Binder:			>20≤30		>20≤30
% Non Fibrous:	>90 ≤ 100	>90≤100	>60≤70	>90 ≤ 100	>60 ≤ 70

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

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Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

Client Sample ID:	J11LC4	J11LC5	J11LC6	J11LC6	J11LC7
DCL Sample ID:	06-08083B	06-08084	06-08085A	06-08085B	06-08086A
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Homog.	Layered	Layered	Layered
Color:	Black	Black	Brown	Tan	Grey
Texture:	Crumbly	Resinous	Flexible	Flexible	Flexible
Description:	Mastic	Material	Covebase	Mastic	Tile
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>1≤3	>3≤5			
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>1≤3	>3≤5	ND	ND	ND_
Other Materials			·		
% Cellulose:				>1 ≤ 3	
% Fiberglass:					
% Other Fibers:					
% Resin/Binder:	>50≤60	>70≤80	>20≤30	>60≤70	>20≤30
% Non Fibrous:	>30 ≤ 40	>10≤20	>60 ≤ 70	>20 ≤ 30	>60≤70

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

Client Sample ID:	J11LC7	J11LC8	J11LC9	J11LD0	J11LD0
DCL Sample ID:	06-08086B	06-08087	06-08088	06-08089A	06-08089B
Macroscopic Examination			 		
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Homog.	Layered	Layered	Layered
Color:	Black	Grey	Inseparable Grey/Black	Black	Tan
Texture:	Crumbly	Fibrous	Crumbly	Flexible	Crumbly
Description:	Mastic	Material	Material	Covebase	Mastic
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>1 ≤ 3		Trace		
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>1≤3	ND	Trace	ND	ND
Other Materials					
% Cellulose:		>20≤30			>1 ≤ 3
% Fiberglass:		>60 ≤ 70			
% Other Fibers:					
% Resin/Binder:	>70≤80			>20≤30	>60 ≤ 70
% Non Fibrous:	>10≤20		>90≤100	>60 ≤ 70	>20≤30

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

	7117 TS1	7111 TVO	J11LD3	J11LD4	J11LD5
Client Sample ID:	J11LD1	J11LD2			06-08094
DCL Sample ID:	06-08090	06-08091	06-08092	06-08093	00-08034
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Homog.	Layered	Homog.	Homog.
•	Inseparable		Inseparable		
Color:	Yellow/Grey	Grey	Yellow/Grey	Grey	Grey
Texture:	Fibrous	Fibrous	Fibrous	Fibrous	Fibrous
Description:	Insulation	Insulation	Insulation	Insulation	Insulation
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals				•	
% Chrysotile:					
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	ND	ND
Other Materials					
% Cellulose:	>5 ≤ 10		>5≤10		
% Fiberglass:	>80 ≤ 90	>90 ≤ 100	>80≤90	>90 ≤ 100	> 9 0 ≤ 100
% Other Fibers:					
% Resin/Binder:					
% Non Fibrous:					

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

				-112	71.17.50.0
Client Sample ID:	J11LD6	J11LD6	J11LD7	J11LD8	J11LD9
DCL Sample ID:	06-08095A	06-08095B	06-08096	06-08097	06-08098
Macroscopic Examination			·		
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Homog.	Homog.	Homog.
Color:	Yellow/Grey	Grey	Grey	Grey	Grey
Texture:	Fibrous	Crmby/Fbrs	Fibrous	Fibrous	Fibrous
Description:	Insulation	Material	Material	Material	Material
Analysis:	PLM	PLM_	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:		>1≤3	>30≤40	>20≤30	
% Amosite:		>5 ≤ 10			
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	>6≤ <u>13</u>	>30 ≤ 40	>20 ≤ 30	ND
Other Materials					
% Cellulose:	>5 ≤ 10				
% Fiberglass:	>80≤90		>20≤30	>10≤20	>90≤100
% Other Fibers:			>10≤20	>30 ≤ 40	
% Resin/Binder:					
% Non Fibrous:		>80≤90	>5 ≤ 10	>5 ≤ 10	

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

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Client: Washington Closure Hanford

Location: 300 Area D&D Waste Characterization Sampling

Set ID: 06-A-1333

CILL OF A TO	7117 E0	
Client Sample ID:	J11LF0	
DCL Sample ID:	06-08099	
Macroscopic Examination		
Accepted/Rejected:	Accepted	
Homogeneity:	Homog.	
Color:	Grey	
Texture:	Fibrous	
Description:	Material	
Analysis:	PLM	
Asbestiform Minerals		
% Chrysotile:		
% Amosite:		
% Crocidolite:		
% Tremolite - Actinolite:		
% Anthophyllite:		
% Total Asbestos:	ND ND	
Other Materials		
% Cellulose:		
% Fiberglass:	>90 ≤ 100	•
% Other Fibers:		
% Resin/Binder:		
% Non Fibrous:		

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Washington Closur	e Hanford	CI	HAIN OF CUST	ODY/S	AMPLE	ANAL	YSIS	REG	OUEST	•	R	C-040-53	Page 1	of <u>6</u>
Collector Bill Hudson		Compa	nny Contact t Adams	Telepho 372-9	ne No.			Proje	ect Coordi SNER, JH	nator	rice Code	9K		rnaround
Project Designation 300 Area D&D Waste Charac	terization Sampling - O		ing Location Asbestos Sampling	··· —		<u> </u>		SAF RC-0		A	ir Quality		7 I	Days
Ice Chest No. N/N FE	D EX BOX								ment 726 Govt. vehi	3-27-06 clc	FED	EX		
Shipped To DataChern Laboratories - Cin	cinnati	Offsite	Property No. AO	6036	5/			Bill	of Lading/	Air Bill No	SEL	OSP	<u> </u>	·
POSSIBLE SAMPLE HAZA	RDS/REMARKS]		ļ	ŀ	- 1						
PACM, Non-Rad; Possible Ber	yllium Contamination		Preservation	Nonc			1	1						
Special Handling and/or S	torage		Type of Container	G/P	<u> </u>				" !					
PACM, Non-Rad	 -		No. of Container(s)	1	1			-						
			Volume	5g								1		
			<u> </u>	Asbestos- BULK-EPA	† — —									
	SAMPLE ANAL													
		Ole-A	r 1333								1	1		α
· Sample No.	Matrix *	Sample Date	Sample Time		N.		Ž	,			*			
J11LB2 ,	OTHER SOLID	3/23/06	0925	X	Pun w	211	84	£ 51	ILB6	to Gr	+ pos	ifive a	kbes to	b 08
J11LB3 ·	OTHER SOLID	3/23/06	0930	х	pon .	1 211	LBS	į .	ふいしろす	+ 6	inst	posthe	associ	1300
J11LB4 .	OTHER SOLID	3/23/06	0935	X	Ren	12 Ich	LB:	2 4	SILLB	6 to	first	- positiv	e asb	estor()
J11LB5 •	OTHER SOLID	3/23/06	0940	K	Ren	0/31	LB=	3 \$	311 L	B7 te	5 400	iteca H	ve as	kstos0
J11LB6 .	OTHER SOLID	3/23/06	0942	Х	Run	112 1	482	. \$	TILBO		Gret	positio	e asb	stos 08
CHAIN OF POSSESSIO	N	Sign/Print			SPEC	CIAL INST	RUCTIO	ONS	***	· <u>·</u>				Matrix *
Relinquished By/Removed From BHU DSW BHUCE	Date/Time	Received By/Stor		ite/Time										S=Soit SE=Sediment SO=Solid
Relinquished By/Removed From 3728#28 3-27-0	Date/Time 6 0945	Received By/Stor	red in Di	ate/Time 16 09	45									SI=Shadge W = Water O=Oil
Belinquicked By/Removed From W	-276/13 00	Received By/Stor	<u> </u>	ate/Time										A=Air DS=Drum Solids DL=Drum Liquis T=Tissue
Relinquished By/Repropriet	Z Bate/Time	Received By/Stor	3/2	8/26/	ا وغ									WI=Wipe L=Liquid V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Stor		ate/Time	l Re	rsonnel not linquish sac	unles tro	un 372	8					X=Other
Relinquished By/Removed From	Date/Time	Received By/Stor	red In Da	ate/Time	Re	f# <i>2B</i> on <u>.</u>	3 127	106	• ·			. —		
LABORATORY Received BY SECTION	M			12	ile							3/2	8 p 6	10:00
FINAL SAMPLE Disposal Mo DISPOSITION	ethod			!		Disp	osed By						Date/Time	

Washington Closus	re Hanford	CI	HAIN OF CUST	CODY/S	SAMPLE	ANAL	YSIS F	REQUEST	•		RC-040-53	Page 2	of <u>6</u>
Collector Bill Hudson			any Contact t Adams	Telepho 372-9				roiect Coordin	ator	Price Code 9K Air Quality TRE 3-37-06 L-vehicle SEE OSPC		rnaround	
Project Designation 300 Area D&D Waste Chara	cterization Sampling - O		ing Location Asbestos Sampling					AF No. IC-040		Air Qu	ality []	7 I	Days
Ice Chest No. N. FEC	EX BOK		Field Logbook No. COA R333001000				lethod of Ship Hand deliver	ment 74	E 3-27 ehicle	or FED	EX		
Shipped To DataChem Laboratories - Ci	incinnati	Offsite	Property No.	0603	6/			Bill of Lading/	Air Bill I	No. 56	E OSPC		
POSSIBLE SAMPLE HAZA	ARDS/REMARKS			[T	
PACM, Non-Rad; Possible Be	eryllium Contamination		Preservation	None				<u> </u>			_		
Special Handling and/or S	Storage		Type of Container	G/P									
PACM, Non-Rad	Storage		No. of Container(s)	1									
			Volume	5 g									
				Asbestos- BULK-EPA				<u> </u>					
	SAMPLE ANAL	YSIS	_	1									
		Olg-H	-1333										Ole-
Sample No.	Matrix *	Sample Date	Sample Time			the last the second				LENGTH CHECKS	Blu belief is to an annual and the		. 18
J11L87 .	OTHER SOLID	3/23/06	0945	X		21 211			ю	Pirst		besto	080
J11LB8 •	OTHER SOLID	3/23/06	0950	>	2 p	rase v	hedia	- presse	an	ચં∤ષ્ટ	_bdth	1	080
J11LB9 +	OTHER SOLID	3/23/06	, 0952	۲									080
J11LC0	OTHER SOLID	3/23/06	0955	>									080
J11LC1 ·	OTHER SOLID	3/23/06	0958	λ									080
CHAIN OF POSSESSIO	ON	Sign/Prin	t Names		SPEC	IAL INSTI	RUCTION	is			33.1.2.		Matrix *
Relinquished By/Removed From	Date/Time (5	Received By/Stor		ste/Time									S=Soil SE=Sediment
Relinquished By/Removed From 3728 # 2B 3-27-	Date/Time	Recrived By/Stor	red ly	ate/Time	45								SO=Setiel St=Shedge W = Water O=Oil
	JCH Date/Time 3-27-06 /500	Received By/Stor	red In D	ate/Time									A=Air DS=Drum Selids DL=Drum Liquids
Relinquished By/Removed From	Pate Time	Received Hy/Sto		406/Z	202								T=Tispuc W!=Wipc L=Liquid V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Stor	red In D	ate/Time		sonnel not a dinggi <u>s</u> h san							X=Other
Retinquished By/Removed From	Date/Time	Received By/Sto	red In D	ate/Time	Re	t#2Bon_	3 627/	06					
LABORATORY Received F	1			7	50		-				3/2	8/06	(0: Fo
FINAL SAMPLE Disposal M DISPOSITION	lethod					Disp	osed By					Date/Time	

Washington Closur	re Hanford	CF	IAIN OF CUST	ODY/S	AMPLE	ANAL	YSIS F	REQUES?		R	C-040-53	Page 3	of 6
Collector Bill Hudson			ny Contact Adams	Telepho 372-9				roiect Coordi CESSNER, JH	nator	Price Code	9K		Curnaround
Project Designation 300 Area D&D Waste Charac			ng Location Asbestos Sampling		· _			SAF No. RC-040		Price Code 9K Air Quality [] 726 3-27-06 Evolution Family SEE OSA Malife book 2/28/0	7	Days	
Ice Chest No. PA FED	EX BOX	Field L EL-1	Logbook No. COA Me 1601 R333001000 L					Aethod of Ship Mand deliver	ment 776	6 3-27-0 hic le	· 6	ED E	EX
Shipped To DataChem Laboratories - Cir	ncinnati	Offsite	Property No. AO	6036	/			Bill of Lading/	Air Bill N	No. 5	EE OS	PC	
POSSIBLE SAMPLE HAZA	RDS/REMARKS											1	
PACM, Non-Rad; Possible Ber	ryllium Contamination	-	Preservation	None				}					
Special Handling and/or S	Storage	ĺ	Type of Container	G/P									
PACM, Non-Rad		į	No. of Container(s)	1	ļ							ļ	
		-	Volume	5g					1				
				Asbestos- BULK-EPA									
	SAMPLE ANAL	YSIS									İ		4:
		OG-A	- (333	<u> </u>									Oc-
Sample No.	Matrix *	Sample Date	Sample Time				77				ig y yar		
J11LC2 ·	OTHER SOLID	3/23/06	1910	×									0808
J11LC3	OTHER SOLID	3/23/06	1012	Х									<u> 6808</u>
J11LC4 .	OTHER SOLID	3/22/06	1015	χ.	2 pl	درو ۷	edi'a	-pleax	ans	ع(اروو لم	other_		080
J11LC5 .	OTHER SOLID	3/23/06	1015	Х								 _	080
J11LC6	OTHER SOLID	3/23/06	1030	X									080
CHAIN OF POSSESSIO		Sign/Print			SPEC	CIAL INSTI	RUCTION	NS .					Matrix *
Relinquished By/Removed From		Received By/Ston	#2B 223	ate/Time	10								S=Soil SE=Sediment SO=Solid
Relinquished By/Removed From 3728 #28 3-27-0	Date/Time	Received By Stop	Di Di	te/Time									SI=Sludge W = Water D=Oil
Relinquished By/Removed From	J-37-06/1508	Received By/Ston	ed In Di	ite/Time									A=Air DS=Dress Solid DL=Dress Liqui T=Tissue
Relinquished By/Removed From	Date/Tifne	Received By/Ston	$\frac{1}{2\sqrt{2}}$	16/7 int /	0.00								WI-Wipe L-Liquid V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Store	ed In Di	ate/Time	Pc re	rsonnel not a linguish sam:	available t	o 3728					X=Other
Retinquished By/Removed From	Date/Time	Received By/Stor	ed In Di	ate/Time	Re	lingeish sam 1°# <i>28</i> on	3 6271	<u> </u>					
LABORATORY Received SECTION	n			R	50					3	(28/	Date Time	[0:0
FINAL SAMPLE Disposal M DISPOSITION	ethod			<i>y</i> —	·— ·—	Dispo	osed By			,		Date/Time	

Washington Closur	e Hanford	СН	AIN OF CUST	ODY/S	AMPLE	ANAL	YSIS	RE	QUEST		RO	C-040-53	Page 4	of <u>6</u>
Collector Bill Hudson			ny Contact Adams	Telepho 372-9					ect Coordinato SNER, JH	Pi	rice Code	9K		rnaround
Project Designation 300 Area D&D Waste Charac		-	ng Location Asbestos Sampling					SAF RC-0		Ai	r Quality	<i>1</i> 🗆	7 L)ays
Ice Chest No. NA FED	EX BOX		Logbook No. COA Mo -1601 R333001000				Meth	od of Shipmer and deliver Go	17RE V L Vehi	3-27-01 sle	FE.	D EX		
Shipped To DataChem Laboratories - Cir	ncinnati	Offsite	Property No. AU	6036	/			Bill	of Lading/Air	Bill No.	56E	OSPO	<u>. </u>	
POSSIBLE SAMPLE HAZA	RDS/REMARKS													
PACM, Non-Rad; Possible Ber	ryllium Contamination	1	Preservation	None	1	<u></u>	<u> </u>					_		
Special Handling and/or S	itorsee	[Type of Container	G/P										
PACM, Non-Rad	riot age	[No. of Container(s)	1										
			Volume	5g						_				
				Asbestos- BULK-EPA	1									
	SAMPLE ANAI	YSIS			1						ŀ		1	
		06-A.	-1333											α-
Sample No.	Matrix *	Sample Date	Sample Time		1 de	1.76	•	e in the second	*				% , `	
J11LC7 •	OTHER SOLID	3/23/06	1032	X]		10808
J11LC8	OTHER SOLID	3/23/06	1005	×		<u> </u>					<u> </u>			0808
J11LC9 ·	OTHER SOLID	3/23/06	1040	*								<u> </u>	<u> </u>	0808
J11LD0	OTHER SOLID	3/23/06	1050	K	2 ph	use m	edi'a	<u>, P</u>	lease a	inaly	عو الح	11/ ~	<u></u>	0808
J11LD1 .	OTHER SOLID	3/23/06	1215	<u>۲_</u>								<u> </u>	<u> </u>	0809
CHAIN OF POSSESSIO		Sign/Print			SPEC	IAL INSTE	RUCTIO	ONS						Matrix *
Relinquished By/Remayed Grom (Received By/Store	#28 3/23/	ate/Time	ומו									S=Soil SR=Sediment
Relinquished By/Removed From 3728 #28 3.27	Date/Time	Received De/Store		ate/Time										SO-Solid Si-Sludge W = Water O-Oil
Relinquished By/Removed From		Received By/Store	A4 411	ate/Time										A-Air DS-Ornes Solids DL-Drum Liquids T-Tispue
Relinquished By/Removed From	ed Dates	Received By Store	3 ^D	R/16	10.00	•								W)=Wipe L=Liquid V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Store	sd in t D	ate/Time		sonnel not dinquish sar f# <i>21</i> 2 on_			28					X=Other
Relinquished By/Removed From	Date/Time	Rescived By/Store	ed in D	ate/Time	Re	(# <u>.///5</u> on	9 677	!! <u>O</u> [, 					
LABORATORY Received Person	W			10	960							3/2	8/06	10,00
FINAL SAMPLE Disposel M DISPOSITION	ethod			- · · · · · · · · · · · · · · · · · · ·		Disp	osed By						Date/Time	

Washington Closure Hanford			CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST								RC-040-53		Page 5 of 6	
Collector Bill Hudson			Company Contact Telephone No. Scot Adams 372-9869						Project Coordinator KESSNER, JH		Price Code 9K		Data Turnaround	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli			Sampling Location 333 Asbestos Sampling							Air Quality		7 Days		
Ice Chest No. NA FED	ex Box	Field Logbook No. COA EL-1601 R333001000					Method of Shipment : -Hand deliver - Govt-				ED EX	<u></u>		
Shipped To DataChem Laboratories - Cin	site Property No. AOE	6036	/			Bill of Lading	'Air Bill	No. 5EE	OSPC		·			
POSSIBLE SAMPLE HAZA	RDS/REMARKS						•		1					
PACM, Non-Rad; Possible Beryllium Contamination			Preservation	None	1		ĺ		ľ			_	<u>L</u>	
Special Handling and/or S	torage		Type of Container	G/P										
PACM, Non-Rad	•		No. of Container(s)	1 _				_	<u>L</u> .					
			Volume	5g										
				Asbestos- BULK-EPA			1					<u> </u>		
	SAMPLE ANAL								1				•	
		Ole-	A-1333										06-	
Sample No.	Matrix *	Sample Da	te Sample Time	Espel					_ 1					
J11LD2 .	OTHER SOLID	3/23/00		<u> </u>	<u> </u>		<u> </u>		<u> </u>			<u> </u>	0809	
J11LD3 .	OTHER SOLID	3/23/06		×									080	
J11LD4 ,	OTHER SOLID	3/23/0	6 1230	x			<u> </u>					<u> </u>	080	
J11LD5 *	OTHER SOLID	3/53/00	1235	×	<u> </u>				<u> </u>			<u> </u>	080	
J11LD6	OTHER SOLID	3 (23/0	1240	×									080	
CHAIN OF POSSESSIO			rint Names		SPE	CIAL INSTR	RUCTION	NS					Matrix *	
Relinquished By/Remoyed From Character	Date/Time 151	Received By/3 3つと8		ate/Time	、								S-Seti SE-Sediment	
Relinquished By/Removed From 3724 # 2B 3.27	Date/Time	Printer.	Stored In D	ate/Time	45			,					SO=Solid SI=Sledge W = Water O=OU	
Retinquiched By/Removed From	CH Date/Time	Received By/		ate/Time									A=Air DS=Drum Solids	
JK. Edwardson 3	2006 1300	FED	EX_										DL=Drum Liquid: T=Tisme	
Relinquished By/Removed From	Date/Time	Received Dy/	2/	28/06	10:00								Wt=Wipe L=Liquid Y=Vegetation	
Retinquished By/Removed From Date/Time Received By/			Stored In D	ate/Time	Pe	rsonnel not av Iinquish samol	vailable to Jes from 3) 1728					X-Other	
Relinquished By/Removed From	Date/Time	Received By/	Stored in D	ate/Time	Ro	linquish samol I #28 on 3	7/27/	0.6					<u> </u>	
LABORATORY Received A	2			20	2 2						3/28	Defe Tinge	DI00	
FINAL SAMPLE Disposal Me	ethod	id itt<u>s</u>		-		Dispo	osed By					Date/Time		

Washington Closure Hanford		CF	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST							RC-040-53 Page 6			of <u>6</u>
Collector Bill Hudson			Company Contact Telephone No. Scot Adams 372-9869						t Coordinator IER, JH	Price Code 9K		Data Turnaround	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli			ng Location Asbestos Sampling				SAF No RC-040		Air Quality		7 Days		
Ice Chest No. N/A FED	Logbook No. COA -1601 R333001000					Method of Shipment 72 C 3-27-06 Hand deliver Gove vehicle FED EX							
Shipped To DataChern Laboratories - Cincinnati Offsite Property No.					6/			Bill of Lading/Air Bill No. SEE OSPC					1
POSSIBLE SAMPLE HAZA	RDS/REMARKS						1		ļ				
PACM, Non-Rad; Possible Beryllium Contamination Preservation			None					1					
Special Handling and/or Storage Type of Container			Type of Container	G/P									
PACM, Non-Rad	•		No. of Container(s)	1		1							
		Volume	Sg										
	<u>-</u> -	·-····		Asbestos- BULK-EPA									
	SAMPLE ANAL	YSIS.											
		06-	A-1333										06-
Sample No.	Matrix *	Sample Date	Sample Time			-r . 1		144					
J11LD7 •	OTHER SOLID	3/23/06		×									0809
J11LD8 .	OTHER SOLID	3/23/00	1542	>									0809
J11LD9 .	OTHER SOLID	3/23/06	12 48_	×	<u></u>		<u> </u>						080
J11LFO .	OTHER SOLID	3 23100	1310	>									10809
J 11LF1	OTHER SOLID	· BH 2/23/6	26	×		3				<u> </u>			
CHAIN OF POSSESSIO	N	Sign/Print	Names	_	SI	PECIAL INST	FRUCTIO	ONS					Matrix *
Relinquished By/Removed From BHUD500 PHOW	om 3ksloc		2B 3/23/06										S=Soil SE=Sediment SO=Solid
Relinquished By/Removed From	Date/Time	Received By Stor	ind are	ate/Time S の分	W-								SI=Simdge W = Water O=Oil
3778 # 28 3-27-06 0945 18 8 1 21-06 Relinguished By/Removed From WCH Date/Time Received By/Stored In Date/Time By/Stored In Date													A-Air DS-Drum Solids DL-Drum Liquid
Retinquished By/Removed From Received By/Storballs 2					610.0	G.							T=Tisme WI=Wipe L=Liquid V=Vegetation
Relinquished By/Removed From Date/Time Received By/Stored In Date						Personnel not: Relinquish sar	mples fror	ո 3728					X=Other
Relinquished By/Removed From	Date/Time	Received By/Stor	ed In D	ate/Time	'	Ref# -23 _on_	3 27	06			71	-6	<u> </u>
LABORATORY Received F SECTION					<u> 5</u> 2)	···				3/2	HO 6	10,00
FINAL SAMPLE Disposal N DISPOSITION	lethod				_	Dis	sposed By				· <u> </u>	Date/Time	